

FORM PTO-1390
(REV. 5-93)

04/06/01

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTORNEY'S DOCKET NUMBER
0136/0J067TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)INTERNATIONAL APPLICATION NO.
PCT/KR00/01213INTERNATIONAL FILING DATE
26 October 2000PRIORITY DATE CLAIMED
15 March 2000

TITLE OF INVENTION

GENOTYPING KIT FOR DIAGNOSIS OF HUMAN PAPILLOMAVIRUS INFECTION

APPLICANT(S) FOR DO/EO/US

PARK, Tae-Shin; KIM, Sung-Keun; KIM, Jin-Hee; PARK, Mi-Sun

Applicant herewith submits to the United States Designated/Elected office (DO/EO/US) the following items and other information:

1. This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. This is an express request to begin national examination procedures (35 U.S.C. 371 (f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371 (b) and PCT Articles 22 and 39 (1).
4. A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
 - a. is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. has been transmitted by the International Bureau
 - c. is not required, as the application was filed in the United States Receiving Office (RO/US)
6. A translation of the International Application into English (35 U.S.C. 371 (c)(2)).
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - a. are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. have been transmitted by the International Bureau.
 - c. have not been made; however, the time limit for making such amendments has NOT expired.
 - d. have not been made and will not be made.
8. A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c) (3)).
9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 11. to 16. below concern other document(s) or information included:

11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98 (with 14 references).
12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. A **FIRST** preliminary amendment.
 A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. A substitute specification.
15. A change of power of attorney and/or address letter.
16. Other items or information: Affirmation of Priority Claim; Verified Statement Claiming Small Entity Status; Sequence Listing with Sequence Listing Docket and Statement Pursuant To Rule 1.821(f).

Date 4-6-01

Label No.

I hereby certify that, on the date indicated above, this paper or
fee was deposited with the U.S. Postal Service & that it was
addressed for delivery to the Assistant Commissioner for
Patents, Washington, DC 20231 by "Express Mail Post Office
to Addressee" service.

G. Karaszi
Name (Print)G. Karaszi
Signature

07278

PATENT TRADEMARK OFFICE

U.S. APPLICATION NO. (If known) Sec. 77 (7) (60) 09/807204

INTERNATIONAL APPLICATION NO.: PCT/RO/00/01213

Attorney's Docket Number 0136/0J067

17. [x] The following fees are submitted:

CALCULATIONS PTO USE ONLY

Basic National Fee (37 CFR 1.492 (a)(1)-(5)):

Search Report has been prepared by the EPO [] or JPO []

\$860.00

International preliminary examination fee paid to USPTO (37 CFR 1.482)

\$690.00

No international preliminary examination fee paid to USPTO (37 CFR 4.482)
but international search fee paid to USPTO (37 CFR 1.445 (a) (2)....)

\$710.00

Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO.....

\$1,000.00

International preliminary examination fee paid to USPTO (37 CFR 1.482)
and all claims satisfied provisions of PCT Article 33(2)-(4).....

\$100.00

\$1,000.00

Surcharge of \$130.00 for furnishing the oath or declaration later than [] 20 [] 30 months from the earliest claimed priority date (37 CFR 1.492(e)).

\$

| Claims | Number Filed | Number Extra | Rate | |
|--|--------------|--------------|--------------------------------------|------------------|
| Total Claims | 11-20 | 0 | X \$18.00 | \$ |
| Independent Claims | 3-3 | 0 | X \$80.00 | \$ |
| Multiple dependent claims(s) (if applicable) | + 270 | | | \$ |
| | | | TOTAL OF ABOVE CALCULATIONS = | \$1000.00 |
| Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity statement must also be filed. (Note 37 CFR 1.9, 1.27, 1.28). | | | | \$500.00 |
| | | | SUBTOTAL = | \$500.00 |
| Processing fee of \$130.00 for furnishing the English translation later the [] 20 [] 39 months from the earliest claimed priority date (37 CFR 1.492(f)). | | | | + |
| | | | TOTAL NATIONAL FEE = | \$500.00 |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). the assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property | | | | + |
| | | | TOTAL FEES ENCLOSED = | \$540.00 |
| | | | Amount to be: refunded | \$ |
| | | | charged: | \$ |

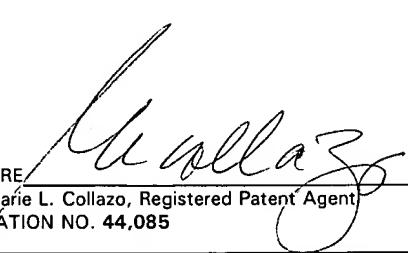
- a. [x] A check in the amount of \$540.00 to cover the above fees is enclosed.
- b. [] Please charge my Deposit Account No.04-0100 in the amount of \$ to cover the above fees.
- c. [x] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 04-0100. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

S. Peter Ludwig, Esq.
Darby & Darby P.C.
805 Third Avenue
New York, New York 10022-7513

SIGNATURE
NAME Marie L. Collazo, Registered Patent Agent
REGISTRATION NO. 44,085



Inventor or Patentee: PARK, Tae-Shin et al.
 Applicant or Patent No.:

Case No.:

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Filed or Issued:

Title: GENOTYPING KIT FOR DIAGNOSIS OF HUMAN PAPILLOMAVIRUS INFECTION

VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS

1. I, the undersigned, do hereby declare that:

a. [] I am an independent inventor as defined in 37 CFR 1.9(c) for purposes of paying reduced fees to the Patent and Trademark Office with regard to the invention described in the patent or application identified above; OR

b. [] While I am not an inventor, I declare that rights under contract or law have been conveyed to and remain with me with regard to the invention described in the patent or application identified above. I would qualify as an independent inventor as defined in 37 CFR 1.9(c) for purposes of paying fees to the United States Patent and Trademark Office if I had made the invention; OR

c. [] I am the owner of the small business concern identified below OR
 [X] I am an official of the small business concern empowered to act on behalf of the concern identified below:

NAME OF SMALL BUSINESS:

ADDRESS OF SMALL BUSINESS:

If either of the boxes in item (c) is checked, I further declare that the above-identified small business concern qualifies as a small business concern as defined in 13 CFR 121.12, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees to the United States Patent and Trademark Office, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both. I further declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention described in the patent or application identified above; or

d. [] I am an official empowered to act on behalf of the nonprofit organization identified below:

NAME OF NONPROFIT ORGANIZATION: BIOMEDLAB CORPORATION

ADDRESS OF NONPROFIT ORGANIZATION: 4th Fl., Dongsung Bldg., 1-49
 Dongsung-dong, Jongno-gu,
 Seoul 110-510, Republic of
 Korea

Inventor or Patentee: PARK, Tae-Shin et al. Case No.:

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Applicant or Patent No.:

Filed or Issued:

Title: GENOTYPING KIT FOR DIAGNOSIS OF HUMAN PAPILLOMAVIRUS INFECTION

TYPE OF NONPROFIT ORGANIZATION:

- university or other institution of higher education
- tax exempt under Internal Revenue Service Code(26 USC 501(a) and 501(c)(3))
- nonprofit scientific or educational under statute of state of the United States of America
 - (name of state:)
 - (citation of statute:)
- would qualify as tax exempt under Internal Revenue Service Code(26 USC 501(a) and 501(c)(3)) if located in the United States of America
- would qualify as nonprofit scientific or educational under statute of state of the United States of America if located in the United States of America
 - (name of state:)
 - (citation of statute:)

If Box(d) is checked, I further declare that the nonprofit organization identified above qualifies as a nonprofit organization as defined in 37 CFR 1.9(e) for purposes of paying reduced fees to the United States Patent and Trademark Office regarding the invention described in the patent or application identified above.

2. The individual, concern or organization identified above has not assigned, granted, conveyed or licensed, and is under no obligation under contract or law to assign, grant, convey or license, any rights in the invention to any person who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person had made the invention, or to any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).
3. If the rights held by above-identified individual, concern or organization are not exclusive, each individual, concern or organization having rights in the invention are identified below. Each such individual, concern or organization must file separate verified statements averring to their status as small entities.

*Note: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27).

FULL NAME:

ADDRESS:

INDIVIDUAL SMALL BUSINESS CONCERN NONPROFIT ORGANIZATION

FULL NAME:

ADDRESS:

INDIVIDUAL SMALL BUSINESS CONCERN NONPROFIT ORGANIZATION

AES 5081P

1008 ASA 30 079174 D308 5006

Inventor or Patentee: PARK, Tae-Shin et al. Case No.:

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4. I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small-entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b)).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING: KIM, Jong-Won

TITLE OF PERSON (if not an owner or individual): Representative

ADDRESS OF PERSON SIGNING: 4th Fl., Dongsung Bldg., 1-49 Dongsung-dong, Jongno-gu, Seoul 110-510, Republic of Korea

NAME OF PERSON SIGNING:

TITLE OF PERSON (if not an owner or individual):

ADDRESS OF PERSON SIGNING:

NAME OF PERSON SIGNING:

TITLE OF PERSON (if not an owner or individual):

ADDRESS OF PERSON SIGNING:

SIGNATURE:

JK 392

DATE: *March, 16, 2001*

SIGNATURE:

DATE:

SIGNATURE:

DATE: